

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--------------------------------------------------------------------------------|------------------------------------|------------------|---------|------------------|
| L1 | 2 | ("6518173") or ("6852605").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 14:45 |
| L2 | 1 | ("20040155349").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:14 |
| L3 | 1 | ("5712759").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:20 |
| L4 | 19317 | (thin with film with capacit\$) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:20 |
| L5 | 16262 | 4 and (semiconductor or silicon or substrate) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:20 |
| L6 | 11755 | 4 and ((semiconductor or silicon or substrate) with (dielectric or insulat\$)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:26 |
| L7 | 2490 | 6 and (round or circular or ring or annular or circle) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:26 |
| L8 | 1514 | 7 and via | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:21 |
| L9 | 11231 | 4 and ((semiconductor or substrate) with (dielectric or insulat\$)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:26 |
| L10 | 2373 | 9 and (round or circular or ring or annular or circle) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:26 |
| L11 | 1163748 | 10 and via or hole | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:26 |
| L12 | 1910 | 10 and (via or hole) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:27 |

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|-----|------|-------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| L13 | 975 | 10 and ((via or hole) with (substrate)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:27 |
| L14 | 0 | ("2004/0080023").URPN. | USPAT | OR | OFF | 2005/09/20 15:38 |
| L15 | 1731 | 257/301 | USPAT | OR | OFF | 2005/09/20 15:38 |
| L16 | 1335 | 257/303 | USPAT | OR | OFF | 2005/09/20 15:38 |
| L17 | 3032 | 257/306 | USPAT | OR | OFF | 2005/09/20 15:39 |
| L18 | 807 | 257/308 | USPAT | OR | OFF | 2005/09/20 15:39 |
| L19 | 4508 | (257/301-308).CCLS. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:39 |
| L20 | 3690 | ((257/301) or (257/303) or (257/306) or (257/308)).CCLS. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:39 |
| L21 | 6309 | 15 16 17 18 20 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:39 |
| L22 | 101 | 21 and (via or hole) with (circular or annular or ring or circle or round) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:40 |
| L23 | 101 | 21 and ((via or hole) with (circular or annular or ring or circle or round)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:41 |
| L24 | 5 | (("6477054") or ("6384446") or ("5825609") or ("5925921") or ("6498386")).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:45 |
| L25 | 5 | (("6096631") or ("20040212002") or ("20030218185") or ("20030034542") or ("6576945")).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:54 |
| L26 | 1 | ("20040155349").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 15:55 |
| L27 | 1 | ("20040080023").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:23 |
| L28 | 7119 | (capacitor with (ring or round or annular or circular or circle)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:24 |

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|-----|------|-------------------------------------------------------------------------------------------------------------|------------------------------------|----|-----|------------------|
| L29 | 3003 | 28 and (semiconductor or substrate) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:24 |
| L30 | 522 | (capacitor near1 (ring or round or annular or circular or circle)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:30 |
| L31 | 246 | 30 and (semiconductor or substrate) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:30 |
| L32 | 2 | ("5994729").URPN. | USPAT | OR | OFF | 2005/09/20 16:29 |
| L33 | 7 | (("4742018") or ("5281837") or ("5497017") or ("5561308") or ("5684316") or ("5696395") or ("5828094")).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:29 |
| L34 | 1233 | (capacitor near2 (ring or round or annular or circular or circle)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:30 |
| L35 | 549 | 34 and (semiconductor or substrate) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:30 |
| L36 | 303 | 35 not 31 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:38 |
| L37 | 1110 | 21 and (overlap\$)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:38 |
| L38 | 1025 | 37 and (capacit\$)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:39 |
| L39 | 1014 | 38 and (upper or lower or first or second)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:39 |
| L40 | 1004 | 38 and (upper or second)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:39 |
| L41 | 987 | 40 and (dielectric or insulat\$)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:40 |

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|-----|-----|------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| L42 | 718 | 41 and (via or hole)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:40 |
| L43 | 161 | 42 and (ring or annular or round or circle or circular)".clm" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/20 16:40 |